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Soviet Mobile Missile Summary

25X1

DEPLOYED STRATEGIC SSM FACILITIES

BE: Various USSR

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RCA-01/0002/81 FEBRUARY 1981 Copy 170 25X1



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| SOVIET MOBILE MISSILE SUMMARY | |
| | 25 X 1 |
| SUMMARY | |
| 1. (S/D) This report updates information in NPIC report on SS-20 mobile IRBM bases in the USSR. This report also includes a synopsis significant mobile missile activity seen at two offensive missile test centers, a production facility, and several command and control facilities. | 25X1 |
| 2. (TSR) Significant activity observed at deployed facilities (Figure 1 and Table 1) during the reporting period included a new mobile missile base in the Novovibirsk Complex, possible conversion of another former SSM launch facility to a mobile base, four SS-20 field training exercises, an SA-4 training exercise near a remote site, partial erection of three SS-20 missile canisters in single-bay garages, first identification of an SS-20 canister dolly in the field, and SS-20 vehicle mockups under construction at one complex. | |
| 3. (U) The reporting period extends from A location map, seven annotated photographs, a drawing, and three tables are included in this report. | 25X1 |
| DISCUSSION | |
| Deployed Complexes | |
| 4. (TSR) As of | 25X1 |
| Eastern Siberia | |
| 5. (TSR) Drovyanaya Mobile IRBM Base 3. Activity was observed approximately 900 meters southeast of this base on Canvas panels had been placed over vertical supports just off the road between the base and dismantled SSM Launch Position 2 probably to simulate a single-bay and a three-bay garage. SS-20 transporter-erector-launcher (TEL) leveling jack imprints for deployment of a launch line were being prepared near the canvas shelters, and a T-shaped graded area was | 25X1 25X1 |
| the canvas panels had been removed, and no additional activity was observed. This activity was possibly in preparation for an SS-20 exercise that was not conducted or had been rescheduled. | 25X1 |
| 6. (S/D) Drovyanaya Mobile IRBM Base 4. On preparations were underway for the resumption of construction at this base. Components for at least two single-bay garages were delivered to | 25X1 |
| the site between This is the first identification of single-bay garage components at this base, which was identified under construction in November 1978. | 25X1 |
| 7. (TSR) Drovyanaya Mobile IRBM Base 5. an SS-20 field training exercise nvolving at least five camouflaged vehicles and one van truck was immediately southwest of the base. This same area has been used for previous SS-20 exercises. Another SS-20 exercise was observed in the Drovya- | 25X1 |
| naya Complex on the same dates in Field Training Area (FTA) 3A , which is approximately 8.5 nautical miles (nm) from Base 5. | 25X1 |
| 8. (TSR) Drovyanaya Rail-to-Road Transfer Point (RTP; On a probable command, control, and communications (C3) unit conducted a field training exercise near the RTP. At east six to eight heavily camouflaged vehicles were observed. SS-20-associated vehicles have previously occupied this area. | 25X1 |
| 9. (TSR) Drovyanaya SS-20 Remote Site 1. On an SA-4 field training exercise was in progress approximately 500 meters south of the remote site. Two defensive missile canister transporters and a probable LONG TRACK radar (in travel mode) were near two missile-checkout tents. An SA-4 sustainer canister and a SA-4 booster crate were on one of the transporters. A truck-mounted crane and approximately 15 other vehicles or pieces of equipment were also present. This is the first identification of SA-4 equipment at this location. | 25X1 |
| 10. (TSR) Drovyanaya FTA 3A. An SS-20 field training exercise was underway in this area on A probable C3 unit consisting of at least six camouflaged vehicles was present. The last observed exercise in this area was on | 25X1 25X1 25X1 |
| 11. (TSR) Drovyanaya FTA S2-Rvt Additional evidence indicating that SS-20 canister dollies could be used to resupply field-deployed SS-20 launch units was observed on | 25X1 25X |
| when an SS-20 canister dolly was identified in one of the revetments (Figure 2). The dolly was observed mpty, and no canisters were present. In addition, one probable van truck and several small | 25X |
| inidentified vehicles were in the area. (Continued p. 6) | 25 X 1 |
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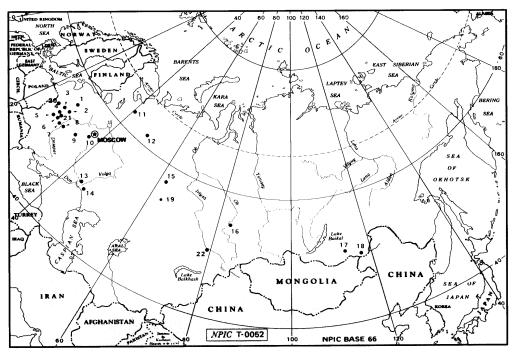


FIGURE 1. LOCATIONS OF SS-16/-20 ACTIVITY IN THE USSR

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| | | | OPERATION | S AREA | | | | | GI | ENERAL SUE | PORT A | REA/NUCLE | AR PAY | LOAD HAND | LING FA | CILITY | | The state of the s |
|--|---------------------|---------------------------------------|-----------|----------------------|--------------|--------|-------------------|-------------------------------------|-------------|-----------------------|---------------------------------------|----------------------|--------|----------------------|---------|----------------------|---|--|
| SSM | First Identified | Date Assessed as Being Operational | | Single-Bay Garage | 3-Bay Garage | 11-Bay | Garage | Construction and/or Modification | 11-B (60 | ay Garage 5 x 18m) | Tech S | Support Bldg | High | 2-Bay Bldg | Clerest | tory Bldg | Status of Construction at RTP | Remarks/Comments |
| Installation Name | | | | Comp Ucon | Comp Ucon | Comp | Ucon | Comp | Number | Construction Comp | Number | Construction Comp | Number | Construction Comp | Number | Construction Comp | | |
| Drovyanaya Mobile - IRBM Base I | | | | 9 - | 3 — | | | Yes | - 1 | Yes | 0* | | 0* | - | 0* | | Clerestory bldg ucon | Personnel shelters ucon near athletic field; |
| Drovyanaya Mobile 1RBM Base 2 | | | | 9 | 3 | 0 | | Yes | 2 | Yes | 0* | | 0 | = | 0 | - 2 | | Personnel shelters ucon in spt area; |
| Drovyanaya Mobile IRBM Base 3 | | | | 9 | 3 | 0 | | Yes | 2 | Yes | 0* | | 0 | | 0 | | | 2 admin/personnel bldgs ucon in spt area Personnel shelters ucon in spt area |
| Drovyanaya Mobile IRBM Base 4 Drovyanaya Mobile IRBM Base 5 | | | | 0 9 | 0 3 | 0 | | No | 2 | No | 0* | | . 0 | | 0 | | | Temporary construction spt area being razed; mockup sliding-roof and 3-bay garages 2 SS-I1 canisters in spt area 3 unid multibay garages ucon near spt area |
| Drovyanaya Mobile IRBM Base 5 | | | | 9 | 3 | 0 | | Yes | 2 | No | 0* | | 0 | | 0 | | | 2 SS-11 canisters in spt area |
| Drovyanaya Remote | | | | 3 | | | | Yes | | | | | | | _ | | | |
| Olovyanaya Mobile IRBM Base I | | | | 0 9 | 0 3 | 0 | 0 | No No | 0 | 0 | | | | | . 0 | | | |
| Novosibirsk Mobile IRBM Base 1 | == | | | 9 _ | | 0 | | Yes | | | | | | | | | | Unid const approx 1,000 m west of base |
| | | | | | | | | | 2 | Yes | 0* | 7.000 | 0* | | 0* | | Complete | Unid construction near the entrance to the operations area |
| Novosibirsk Mobile IRBM Base 2 | | | | 9 | - 3 | 0 | | Yes | 2 | Yes | 0* | | 0 | | 0 | | | 4 SS-11 canisters in spt area; footings present for 1 personnel/admin bldg in spt area |
| Novosibirsk Mobile IRBM Base 3 | | | | 9 | 3 | 0 | | Yes | 2 | Yes | 0. | | 0 | | 0 | | | |
| Novosibirsk Mobile IRBM Base 4 | | | | 9 | 3 | 0 | | Yes | | No. | 0. | | | | _ | | | Personnel shelters ucon in spt area |
| Novosibirsk Mobile IRBM Base 5 | | | | 0 7 | 0 2** | 0 | | No | 2 | No | 0* | | | _ | | | | |
| Verkhnyaya Salda Mobile IRBM Base I | | | | 9 | 3 — | 0 | | Yes | 2 | Yes | 0* | | 0* | | 0* | | Complete | 2 personnel/admin bldgs ucon in spt area |
| Verkinyaya Salda Mobile IRBM Base 2 | | | | 9 — | 3 | 0 | | Yes | 2 | Yes | D* | | | | | | Compact | 2 personner) admin origis acon in spr area |
| Verkhnyaya Salda Mobile IRBM Base 3 | | | | • | | | | Yes | | | | | | | | | | |
| | | | | | | | | | | Yes | 0. | | | : - | | | | Small bunker constructed in spt area |
| Verkhnyaya Salda Mobile IRBM Base 4 | | | | 9 | 3 0 | 0 | 0 | Yes | | No | · · · - | | | - - | | | | |
| Yurya Mobile IRBM Base I | | | | 9 | 3 | 0 | | Yes | | Yes | 0* | | 0. | | 0* | | | 5 SS-11 canisters near spt area |
| Yurya Mobile IRBM Base 2 | | | | 9 | | 0 | | Yes | _ 1 | Yes | 0 | | 0 | | 0 | - | Clerestory bldg in late stage of const | Rifle range ucon near spt area |
| Yurya Mobile IRBM Base 3 | | | | 9 — | 3 0 | 0 | 0 | Yes | | Yes | | | | | | | | Small prob personnel bunker completed at entrance to |
| Yurya Mobile IRBM Base 4 | | | | 9 | 3 | 0 | 0 | Yes | | No | · · · · · · · · · · · · · · · · · · · | | | | | | | operations area; canvas panels being erected; a section of the dismantled SS-7 silos in center of operations area |
| Konkovichi Mobile IRBM Base | | | | 9 | | | | Yes | 2 | Yes | | Yes | | | | | | |
| Kozhanovichi Mobile IRBM Base | | | | 9 | | | | Yes | | | | | | Yes | | Yes | Complete | |
| IRBM Base Mozyr Mobile IRBM | | | | | | | | | 2 | Yes | | Yes | | Yes | | Yes | Complete | 2 admin/personnel bldgs ucon in spt area |
| Base Training Facility | | | | 9 | 3 | . 0 | | Yes | 3 | Yes | | Yes | 1 | Yes | 1 | Yes | Complete | Tenth single-bay garage adjacent to clerestory bldg |
| Postavy Mobile IRBM Base | | | | 9 | 3 | 0 | | Yes | 2 | Yes | 1 | Yes | | Yes | | Yes | Complete; heliport, runway/apron, and 3 large spt bldgs ucon | 2 personnel bldgs and I vehicle maintenance bldg ucon in spt area |
| Smorgon Mobile IRBM Base I | | | | 9 — | 3 | 0 | | Yes | 2 | Yes | | Yes | | Yes | 0 | | Complete. | 1 multistory bldg ucon near warhead storage bunker; several n |
| Smorgon Mobile IRBM Base 2 | | | | 4 5 | 3 - | | | No | | No | 0 | | 0 | | 0 | | | SS-20 vehicle mockups ucon in spt area Several bldgs ucon in spt area |
| Rechitsa Mobile IRBM Base | | | | | | | The second second | | 2 | Yes | | Yes | | Yes | | Yes | Complete | |
| Rechitsa Remote Site I | | | | -3 | | | | Yes | | | | | | | | | Complete | Multibay garage and other bldgs ucon in spt area |
| Rechitsa Remote Site 2 | | | | 3 | | | | Yes | | | | | | | | | | |
| Rechitsa Remote Site 3 | | | | 3 | | | | Yes | | | | | | | _ | | | |
| Polotsk Mobile IRBM Base I | | | | 9 | | 0 | | Yes | 2 | Yes | L | No | -1 | No | _ 1 : | No | Complete | |
| Polotsk Mobile IRBM Base 2 | 4 | | | 9 | 3 | 0 | | Yes | | Yes | 0 | | 0 | | 0 | | | 2 personnel shelters ucon in spt area |
| Lida Mobile IRBM Base I | | | | 0 4 | 0 2** | 0 | | No No | | No | 0 | | 0 | | 0 | | | Several bldgs ucon in spt area |
| Gresk Mobile IRBM Base 1 dicates changes since 15 Sep 1981 | | | | 0 6 | 0 3** | 0 | | No | 1 | No | 0 | - <u>-</u> | 0 | | | = 1 | | Helipad ucon near spt area |

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FIGURE 5. SS-20 LAUNCH LINE, VERKHNYAYA SALDA MOBILE IRBM BASE 2

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| | |
| 17. (S/D) On an SS-20 launch line, possibly returning from a field training exercise, was on the access road to the training area near the base (Figure 5). The line consisted of two empty SS-20 FEL, one six-axle chassis, three MAZ-543 cargo trucks, and one BTR-60PB armored personnel carrier. In | 25X1 |
| addition, on one six-axle chassis, two MAZ-543 cargo trucks, one BTR-60PB, and one cargo wan were at the main road intersection south of the base. On, two empty probable TEL were behind an II-bay garage in the support area. | 25X1 25X1 |
| 18. (TSR) Also on at least two sets of TEL leveling jack imprints were seen on the loop road near the dismantled silos at Launch Position 7 which is near the base. The pattern of the imprints indicated that the TEL had been aligned along the same azimuth as the loading azimuth for the dismantled SS-7 ICBM silos. Previous observations of TEL imprints at this site have been similar. | 25X1 25X1 |
| 19. (TSR) Verkhnyaya Salda Launch Position 4 Indications that this facility may one possible SS-20 mobile missile base were observed. On one possible SS-20 MSV and two other possible SS-20-associated vehicles were outside the two missile-ready buildings. The vehicles were neavily camouflaged, and two vehicles were still present on By roof vents | 25X1 25X1 25X1 |
| had been added to both missile-ready buildings, suggesting that the missile-ready buildings are being used to shelter SS-20-associated equipment, perhaps as a prelude to mobile missile base construction. | 20/(1 |
| 20. (S/D) Yurya Mobile IRBM Base 3. On an SS-20 missile canister was partially erected in an open single-bay garage at this base and was the third canister observed partially erected at a mobile IRBM base. In all three cases, the canisters were elevated to the same approximate angle, suggesting that the canister may have to be raised to a standard height to allow for maintenance, perhaps on the TEL. | 25X1 |
| Western USSR | |
| 21. (S/D) Postavy Mobile IRBM Base. A probable heliport was under construction approximately 3 nm southwest of the base. A short runway/apron and three large support buildings were in the early stages of construction as of The probable heliport is probably connected by cable to the support area of the mobile base. | 25X1 |
| 22. (S/D) Smorgon Mobile IRBM Base 1. Several SS-20 vehicle mockups were observed under construction in the southwest corner of the support facility on Possible footings for mockups were present on | 25X1 25X1 |
| Missile Test Centers | |
| Kapustin Yar Missile/Space Test Center SSM | |
| 23. All SS-20-associated facilities and crew training areas were seen during the reporting period. Significant activity consisted of prelaunch activity at Launch Site IC possible dismantling of the SS-20 vehicle mockups at the Bivouac/Troop Training Area and SS-20 vehicle mockups at the Bivouac/Troop Troop Training Area and SS-20 vehicle mockups at the Bivouac/Troop Troop Troop Troop Troop Troop | 25X1 25X1 |
| 20 vehicle observations at the Missile Receiving/Inspection/Storage Area (the General Support Area Kapustin Yar Instrumentation Site 5 and three of the dix SS-20 crew training areas. Three SS-20 launches occurred during the reporting period. ²⁻⁴ | 25X1 25X1 |
| 24. Launch Site 1C. On an open cable trench was between the three-bay garage and the launch control bunker at pad IC-1. Another cable trench extended westward from the bunker toward the Telemetry/Tracking Facility but the termination point could not be | 25)25X1 25X1 |
| determined. On, one camouflaged SS-20 TEL with canister and three camouflaged SS-20-associated vehicles were engaged in prelaunch activity. An SS-20 was reportedly launched on | 25X1 25X1 |
| During the reporting period, four additional expended SS-20 missile canisters were observed at the pad 1C-2- coneyard—one on | 25 X 1 |
| 25. (S/D) Bivouac/Troop Training Area. On one camouflaged possible SS-20 TEL and two camouflaged possible SS-20-associated vehicles were in the SS-20 battalion-sized training area. | 25 X 1 |
| On three additional camouflaged SS-20-associated vehicles were in the training area. Additionally, an SS-20 training TEL and several MAZ training vehicles were leaving the ground support | 25 X 1 |
| equipment motor pool. On four camouflaged SS-20-associated vehicles were in the SS-20 | 25X1 25X1 |
| the four SS-20-associated vehicles had departed. The SS-20 rehicle mockups, first observed on were possibly being dismantled. Portions of the mockup shells had been removed from all five mockups. | 25X1 |
| 26. (S/D) Missile Receiving/Inspection/Storage Area. SS-20 vehicles were in the area throughout the eporting period. On three camouflaged SS-20 vehicles were on the concrete hardstand near | 25 X 1 |
| one of the loading/offloading ramps, and 11 canvas-covered, probable SS-20-associated vehicles were on latbed railcars. On nine camouflaged SS-20-associated vehicles were in the missile support | 25X1 |
| quipment holding area. The three vehicles, observed on remained on the hardstand. By | 25 X 1 |
| ten camouflaged SS-20-associated vehicles were in the missile support equipment holding area. On one camouflaged probable TEL and five camouflaged SS-20-associated vehicles were in the holding area. The three vehicles had been removed from the concrete hardstand. | 25X1 25X1 |
| | |
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| | |
| 27. (S/D) General Support Area. On one camouflaged SS-20-associated vehicle was at the facility. On one camouflaged SS-20-associated vehicle, one probable SS-20 canister dolly, and one SS-20 missile canister were at the facility. A train containing two canvas-covered, probable SS-20 TEL and seven canvas-covered, probable SS-20-associated vehicles was on a rail spur in a small marshalling yard immediately east of the General Support Area. | 25X1 25X1 |
| 28. (S/D) Kapustin Yar Instrumentation Site 5. On a probable SS-20-associated C3 init was field deployed just west of the instrumentation site, approximately 27 nm east of launch complex C. The unit consisted of four camouflaged SS-20-associated vehicles. | 25X1 |
| 29. (S/D) Crew Training Areas. On | 25X1 25X1 25X1 25X1 |
| Plesetsk Missile/Space Center | |
| 30. (S/D) SSM Mobile Missile-Associated Bases. All four mobile missile-associated bases, Mobile CBM_Facilities 1 and ICBM Launch Test Sites 5 | 25X1 |
| and 6 , were seen during the reporting period. However, the most recent usable imagery of these facilities was acquired on or prior to | 25X1 25X1 |
| 31. (S/D) On two sections of an expended SS-18 missile canister were being buried in he support area of Mobile ICBM Facility 2. | 25X1 |
| 32. (S/D) Missile Handling Facility. At the SS-16 receiving and checkout area of the Missile Handling Facility a new building was in an early stage of construction. Ground scarring was seen on and excavating was underway by | 25X1 25X1 |
| 33. (S/D) Launch Site 21. The crates that were initially seen in March alongside the perimeter road at site 21 were still present on Ten trucks remained in front of the site security building. | 25X1 |
| Single-Bay Garage Production | |
| Bryansk Guided Missile Support Equipment Plant II | |
| 34. (S/D) During the reporting period, sliding-roof sections for at least 19 single-bay garages were abricated, and sliding-roof sections for at least 11 single-bay garages were shipped from the plant (Table 2). This is the second consecutive reporting period during which no stationary end sections were observed. Apparently these components are being shipped as quickly as they are fabricated. | |
| SS-16/-20 Command and Control | |
| 35. (TSR) Significant command and control observations during the reporting period included the identification of probable antenna arrays atop C-shaped command and control buildings at Polotsk Mobile IRBM Base 2, Yurya Mobile IRBM Base 4, and Verkhnyaya Salda Mobile IRBM Base 4; a C-shaped command and control building under construction at Novosibirsk Mobile IRBM Base 5; a control building with a roof-mounted antenna array (YU-EL-01) at Drovyanaya Mobile IRBM Base 4; continuing modification of the command post bunker at Olovyannaya; horizontal dipole antennas under construction at Smorgon IRBM Regimental Headquarters Radio Communications Transmitter Station and new buildings and experimental transmitter Station and new buildings and statement of the statement o | 25X1 25X1 |
| 36. (TSR) At Polotsk Mobile IRBM Base 2, Yurya Mobile IRBM Base 4, and Verkhnyaya Salda Mobile IRBM Base 4 (Figures 6 through 8), probable antenna arrays were identified on the roofs of the Chaped command and control buildings. No antenna arrays were observed on the other five previously reported, SS-20-associated, C-shaped command and control buildings (Table 3). These probable antenna arrays are different in configuration from the antenna arrays (designated YU-EL-01) on control buildings in the support areas of operational SS-20 bases in the Chita, Omsk, Orenburg, and Vladimir SRF Armies. | |
| 37. (TSR) The probable antenna array consists of two sets of three probable antenna positions in a riangular configuration. A possible feed point is visible between two of the probable antenna positions Figure 9). At Verkhnyaya Salda Mobile IRBM Base 4, two additional antenna positions were observed. These positions are connected by cable to the same possible feed point (Figure 8). | , |
| 38. (TSR) The probable antenna array at Polotsk Mobile IRBM Base 2 was first observed on At that time, a frequency diverse pair of horizontal dipole antennas was being erected in a clearing near the building. The probable antenna array on the C-shaped command and control building at Yurya Mobile IRBM Base 4 was present on, the probable array was dentified at Verkhnyaya Salda Mobile IRBM Base 4. Two lattice towers had also been erected here near the C-shaped command and control building. | 25X1 25X 25X1 |
| | |
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Table 2. Minimum Number of SS-20 Single-Bay Garages Fabricated at and Shipped from Bryansk Guided Missile Support Equipment Plant II

This table in its entirety is classified SECRET/WNINTEL

| Dates of Usable Coverages | Number of Days Between Usable Coverage | Fal Complete Garages* | oricated Incomplete Garages | | | | | | |
|---|--|-----------------------------|-----------------------------------|-----|--------------|--|--|--|--|
| | 47 25 | 0 | 2—3 5—6 | 0 | 4—5 2—3 | | | | |
| | 34 Total | 0 | 12 19—21 | 0 | 5—6 11—14 | | | | |
| Garages fabricated shipped, | and | 19 | 9—21 | 11 | l—14 | | | | |
| Garages fabricated shipped prior to | and | 258 | 3—292 | 257 | 7—286 | | | | |
| Garages fabricated shipped since Apr | | 27 | 7—313 | 268 | 3—300. | | | | |

*No usable imagery of the plant was acquired between

25X1 25X1 Edge of roof 25X1 25X1 25X1 Edge of roof Feed point
Prob antenna position Dimensions in meters

FIGURE 8. CONTROL BUILDING WITH PROBABLE ROOF-MOUNTED ANTENNA ARRAY, VERKHNYAYA SALDA MOBILE IRBM BASE 4

FIGURE 9. CONTROL BUILDING WITH PROBABLE ANTENNA ARRAY, POLOTSK MOBILE IRBM BASE 2

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| 39. (TSR) At Novosibirsk Mobile IRBM Base 5, a foundation for a C-shaped command and control building was observed on near the support base. | 25 X 1 |
| 40. (TSR) At Drovyanaya Mobile Base 4, a two-story rectangular control building with a roof-mounted YU-EL-01 antenna array has been identified under construction. Footings for two lattice towers usually associated with the YU-EL-01 were also near the control building. | |
| 41. (TSR) Modification of the Olovyannaya ICBM Complex Command Post/Bunker continued during the reporting period. By three lattice towers had been erected, and the excavation on the edge of the bunker had been backfilled. Construction continued on the three probable hardened washer antennas, and a new excavation was near the fuel and water tanks near the bunker. | 25X1 25X1 |
| 42. (TSR) At the Smorgon IRBM Regimental Headquarters Radio Communications Transmitter Station, clearings for several new probable horizontal dipole antennas were seen on | 25 X 1 |
| 43. (TSR) Footings for a large building were near the Mozyr MRBM Division Command Post/ | 25 X 1 |
| 44. (TSR) A new two-story building was complete near the control bunker at Smorgon Mobile IRBM Base 1 by September. The new building is cable connected to the adjacent regimental command post/bunker. | 23/1 |
| 45. (TSR) A large, C-shaped headquarters/administration building was complete by in the support area of Konkovichi Mobile IRBM Base. | 25X1 |
| | |
| REFERENCES | |
| IMAGERY | |
| (TSR) All applicable KEYHOLE imagery acquired from was used in the | 25X1 |
| preparation of this report. DOCUMENTS | |
| 1. NPIC RCA-01/0008/80, Soviet Mobile Missile Summary, S), Oct | 225 X 1 |
| 80 (TOP SECRET 2. DoD/DEFSMAC. S/DQ/718-80, SS-20 IRBM Launched from Kapustin Yar, (S), 031956Z Nov 80 (SECRET) | 25X1 25X1 |
| 3. DIRNSA. K/00/727-80, Signal Activity During an SS-20 IRBM Reentry Near Sary Shagan on (TS-TK), 050313Z Nov 80 (TOP SECRET) | 25X1 25X1 |
| 4. DIRNSA. K/00/820-80, Signal Activity During an SS-20 IRBM Reentry Near Sary Shagan on (TS-TK), 032035Z Dec 80 (TOP SECRET | 25X1 25X1 |
| RELATED DOCUMENT | |
| NPIC. , IAR-0100/80, SS-20 Field Training Areas, USSR (S), Jun 80 (TOP SECRET | 25X1 25X1 |
| REQUIREMENT | 25X1 |
| (S) Comments and queries regarding this report are welcome. They may be directed to the following points of | |
| contact in the Soviet Strategic Forces Division, Imagery Exploitation Group, NPIC: | 25 X 1 |
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|---|-----------------------|-------------------|----------------------|---|---------------|--------------|-------------|-------------|-------------|------------|------------------|-----------------------|-------------------|-----------------------|-----------------|--------------|---------------|------------|---|-------------|------------------------|----------------|----------------------------|--|
| | 4crife | Under Descrivated | Port Lattice | C. Mounted A | Antennal Diou | Fishbone Ap. | Khombic Am. | Chadran Any | Hardened A. | Antonia A. | Cattice Town | Horizoles) Ess | Fish. Diole | Rhom, Anomes | Quadra Antennas | Hard Amennas | Any Antenn | Lana Masis | Snan Bir | Recience Co | Bunker Charles Ass. | Samuni ples | TWN Calons Salelli | Comments |
| TA SRF ARMY rovyanaya ICBM Cplx CP/Bnk CP/Bnk (Rad Revr Rad Xmtr | A A U A | 4 2 2 | | | - 2 | | | | | = 1 | 6 2 3 | | 3 4 — | _ _ _ _ 8 | | | 1 3 | - | ======================================= | | | Type B* | | 2 prob TWIN EAR ants seen on grounds at satellite commo bldg Parking apron for TWIN EAR ant still ucon 2 sets of mast-mounted TWIN EAR ants erected Facility now completed |
| Mobile Base 1 Mobile Base 2 Mobile Base 3 Mobile Base 4 Mobile Base 5 | A A A U A | 2 2 2 - | Ye Ye Ye Ye | s — s — | | | | | | 2 | 2 2 2 | <u>-</u> | | | | | 2 1 — | | | | | | No No No No | Occasionally seen |
| lovyannaya ICBM Cplx CP/Bnk CP/Bnk CP/Alt/Bnk Rad Revr Rad Revr Rad Xmtr NE (Rad Xmtr NW | U A A A | 3 - - - | | | | | | | | | 1 2 2 | 1 2 1 4 6 | 3 4 3* — | - - 8 6 | | | 2 5 1 | | | | Yes No No* No | Type B | No No No No No | 3 lattice towers erected 1 FISHBONE ant removed; 2 new bldgs in ant field |
| Mobile Base 1 | U | - | - | - | | - | | - | - 1 | - | - 1 | | - | - | <u> </u> | | | 1- | | - | - | - | No | |
| INITSA SRF ARMY lozyr MRBM Div CP/Bnk (Rad Revr | A | = | | _ | | | | | | = | = | 2 4 | | | <u>-</u> | 2 2 | 3 | _ | = | | No | Type A | No | New bldg ucon near bnk 2 masts support FORK REST ants |
| Rad Xmtr Mobile Base I | A | + = | N | 2 | | | | | | - | - | 6 | | | 2 | - | 2* | 1- | | 1 | No — | | No No | 2 masts support FORK REST ants (Dec 1977 imagery) Located 3.5 nm SW of div CP & revr |
| onkovichi MRBM Regt CP/Bnk Rad Revr Rad Xmtr | A A A | = | | | | | | | | 3 | | 4 | Ē | | | 1 | 1 | 1* | - <u></u> | | Yes No No | No No No | No No No | New hq bldg constr in support area |
| Mobile Base | A | - | N | · – | _ | | | | | | | | | _ | _ | - | - <u>-</u> | Ucon | | | _ | | No | Mobile base collocated with revr & CP |
| ozhanovichi MRBM Regt CP/Bnk* (Rad Revr Rad Xmtr | A A A | = | = | 2 | | | | - | | 1 | | 4 4 | = - | = | _ 2 2 | = 1 | 3 | Ucon | <u>.</u> | No | No No No | No No No | = 1 | This facility is not the regt CP/bnk & prob never functioned as such Ants by C-shaped C&C bldg listed under revr totals |
| Mobile Base (| A | _ | No | _ | - | | _ | - | - | - | | | _ | - | | _ | | _ | _ | | | | - 1 | Mobile base collocated with revr & CP |
| omei MRBM Regt CP/Bnk Rad Revr Rad Xmt | A A A | = | | = | | | | | | | | | = 1 | | 2 4 | | 3 5* 3* | = | | | No No No | No No No | No No No | 2 masts support FORK REST ant 3 FORK REST ants |
| Mobile Base | U | Ι- | N | - | | | | | - | - - | | 2* | _ | - | - | - | | Ucon | Comp | Comp | | - | No | Rechitsa Mobile IRBM Spt Base; ants located by C-shaped C&C bldg |
| SK SRF ARMY ovosibirsk ICBM Cplx CP/Bnk Rad Revr Rad Xmtr | A A A | 2 1 2 | | | - 1 - 2 | i - 2 - | | | | 1 2 1 | 4 1 2 | 2 2 7 | 1 2 - | _ _ 6 | | <u></u> | 2 2* 1 | | = | | Comp — No | = | _ _ No | I mast supports FORK REST ant |
| Mobile Base 1 Mobile Base 2 Mobile Base 3 Mobile Base 4 Mobile Base 5 | A A U U | 2 2 2 2 | Ye Ye Ye Ye | s – | | | | | | | 2 2 2 2 | = - | | | | | | = - | | | | | No No No No | Foundation near support area |

*See comments

Sanitized Copy Approved for Release 2010/08/18 : CIA-RDP81T00380R000100610001-5

Top Secret RUFF

25X1

| | | | | | | | | | | | | Table | 3. (C | ontinu | ied) | | | | | | | | | |
|--|------------------|-------------------|-------------------------|----------------|----------------------|--|------------------|--------|----------------|------------------|--------------|-------------|--------------|-------------------------|----------------|---------------|----------|-------------------|---|--|----------------------|----------------------|---|--|
| | | / | / | | | S-16/-2 | 0-REL | ATED | ANTE | NNAS | | P | RESEN | Γ ANT | ENNA | INVE | NTOR | Y / | / | 200 | / | / | 7 / | |
| | Active . | Jaker Deactivated | Rock Tallice | Horizon Arrays | memas Dipole Fiet | Phone Antenn | Ouedr. Antennas | Harde. | Anten Antennas | Lattice 7 Masts | Horogo Wers | Fist. | Rhone Anemas | Quadra Antennas | Harden Amennas | Ante. | Lange Co | Snall Bld | Reciano Maped Co | Small or Blog Blog Blog Blog Small CShape Associated | Commercial Blog | TWINE Sations | Comments | |
| Postavy MRBM Regt CP/Bnk Rad Rev | A D | = | = | 2 | | (= = = = = = = = = = = = = = = = = = = | | | | | 2 | | = | | = | 1 | Comp | | = | Comp No. | No No | No No | Facility deactivated | |
| Mobile Base | А | - | No | _ | - | - | - | - | _ | - | - | - | - | - | - | Ĭ. | - | | | | | Yes | Mobile base collocated with regt CP & recvr | |
| Smorgon MRBM Regt CP/Bnk Rad Revr Rad Xmt | A D A | | = | 2 | - - | | = | | 1 | = | 2 4 | | | _ _ 2 | = | i - | = | = | | Comp — No | No No No | No No No | Bidg near cp/bnk comp Several new ants ucon | |
| Mobile Base 1 Mobile Base 2 | A U | = | No No | - | - | = | = | | _ | = | | | | = | = | = | = | Comp | = | = | = | No No | Poss roof-mounted anis ucon | |
| Polotsk MRBM Regt CP/Bnk (Rad Revr Rad Xmtr* | A D A | _ | | 2 - | = | | | | 3 | = | 2 - 8 | | = 1 | | = | 3 | | | | Yes No No | No No No | No No No | Poloisk/Disna MRBM Regt Xmtr; mast supports a FORK REST ant | |
| Mobile Base 1 Mobile Base 2 | A U | = | No No | = | = | = | = | = | = | = | | = | _ | = | = | _ | = | Ucon | = | = | _ | No No | Poss roof-mounted ants | |
| ida MRBM Div P/Bnk Rad Revr Rad Xmtr | A A A | = | - | | | | | | | = | 1 2 10 | | | <u>-</u> | | 1 2 2 | | | | No No No | No No No | No No No | Double rhombic antennas | |
| ida MRBM Regt P/Bnk Rad Revr | A A | _ | = | = | | - | | | | = | - 2 | - | | _ | <u>1•</u> | | = | = | = | | _ No | _ No | At LS-2 Type B | |
| Mobile Base 1 | U | - | | | | . | | | . . | - | - | - | - | $\tilde{\rho}_{ij} = 0$ | | | | - | - | | - | | At LS-1 | |
| Gresk MRBM Regt CP/Bnk Rad Revr Rad Xmtr | A A A | - - - | = | 2 | = | | = | | | - | 2 4 3 | | = | | | | = | | | | | = | Type B | |
| Mobile IRBM Base 1 | υ | - | _ | _ | | - | - - | | - | - | - | _ | - | - | - | - | - | Ucon | No | No | No | No | Mobile base collocated with CP & revr | |
| PERBURG SRF ARMY /erkhnyaya Salda ICBM Cplx CP/Bnk Rad Revr Hq Spr Revr (Rad Xmtr | A A A | <u> </u> | | s | - 1 | | _ _ _ _ | | | 9 - | 5 2 7 | 1 2 — | 3 | | <u>2</u> | 1 5 | = | | | Comp — Ucon | No No No No | No No No No | Currently undergoing modification Facility prob deactivated 2 FORK REST ants | |
| Mobile Base I Mobile Base 2 Mobile Base 3 Mobile Base 4 | A A U U | 2 2 2 2 | Yes Yes Yes No | = | | = | | | | 2 2 2 2 | | | | | = | | = | - - 1* | | | = : | No No No No | Prob roof-mounted ants | |
| ADIMIR SRF ARMY 'urya ICBM Cplx CP/Bnk Rad Revr (Rad Xmtr (| A A A | 7 = | = | 4 - | 1 | | = | | | 9 - - | 4 8 10 | 1 = | = | 2 | | 2 2* 6* | _ | - E | | Comp | No No No | No No No | Bunker mod underway; 2 new bks ucon near CP/bmk 2 FORK REST ants 3 FORK REST ants; 1R-400 ant | |
| Mobile Base I Mobile Base 2 Mobile Base 3 Mobile Base 4 | A A U U | 2 2 2 | Yes Yes Yes | = | Ξ | Ē | Ξ | Ξ | Ξ | 2 2 — | | Ē | | Ē | | | | _ _ _ 1* | ======================================= | | | No No No No | Prob roof-mounted ants | |

*See comments.

- 13 -Top Secret

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